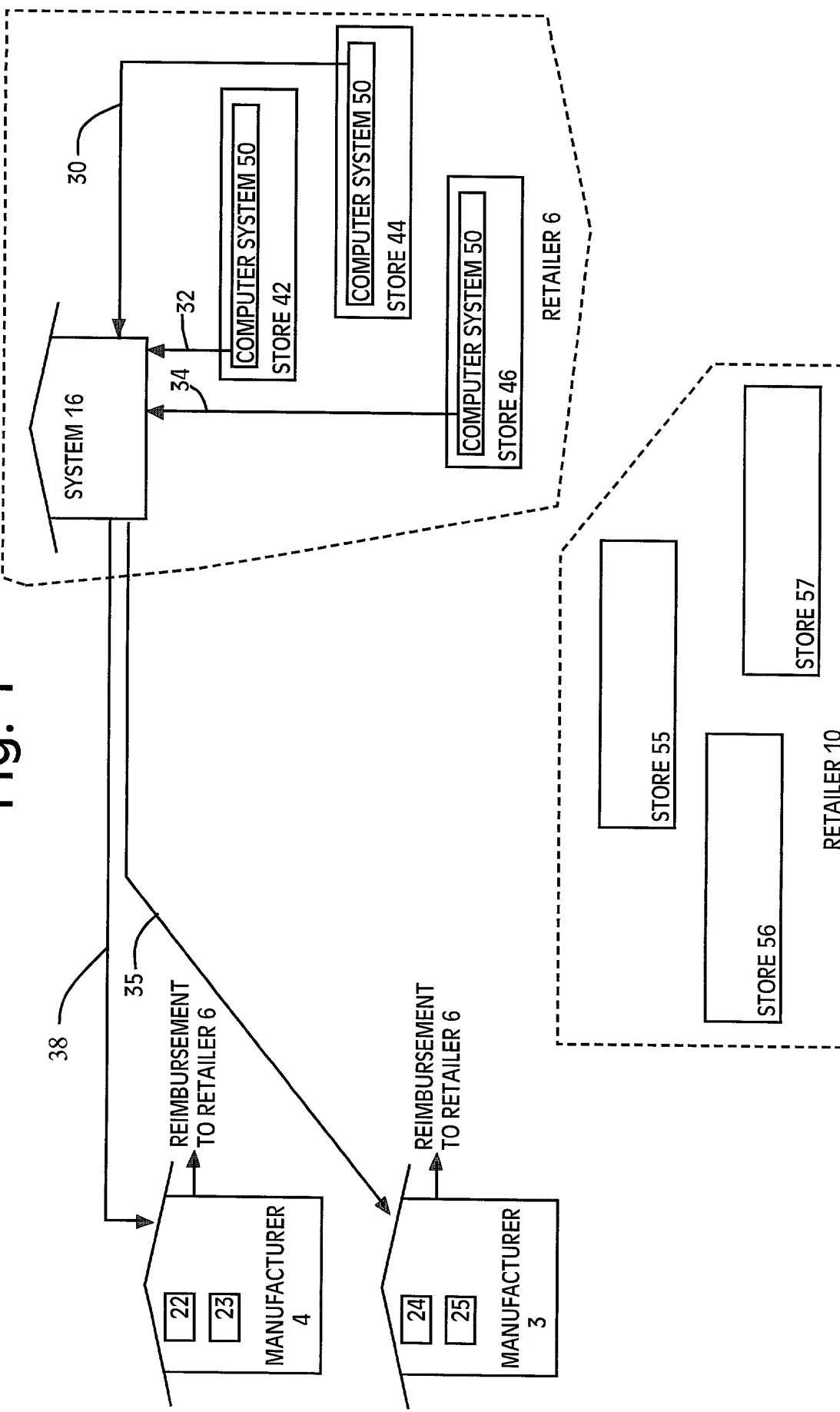


**Fig. 1**



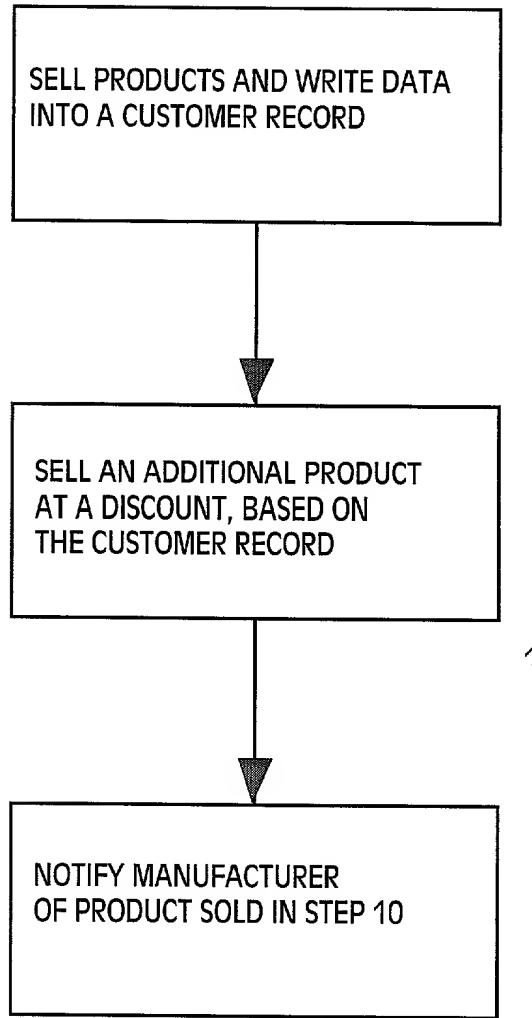
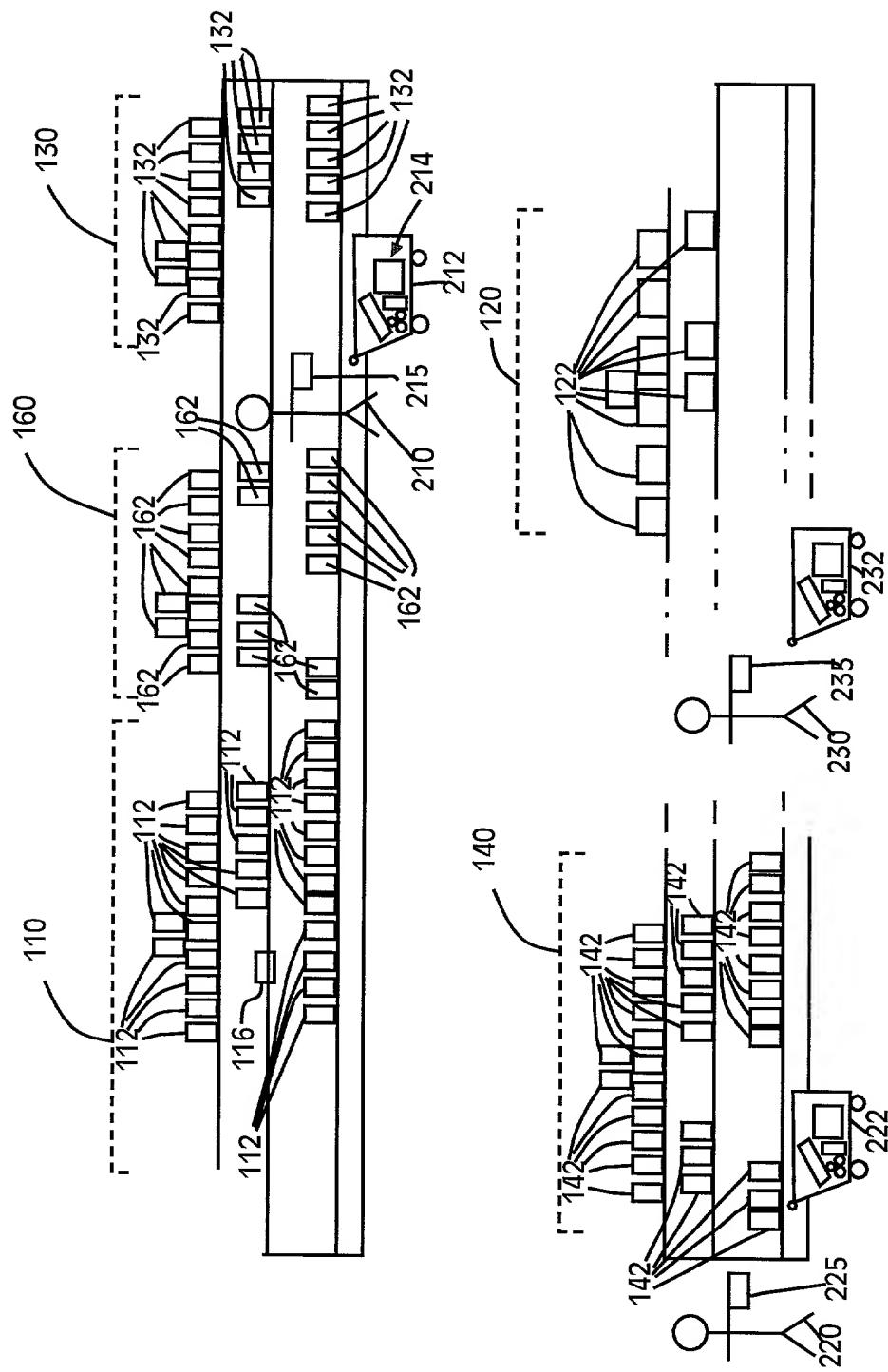
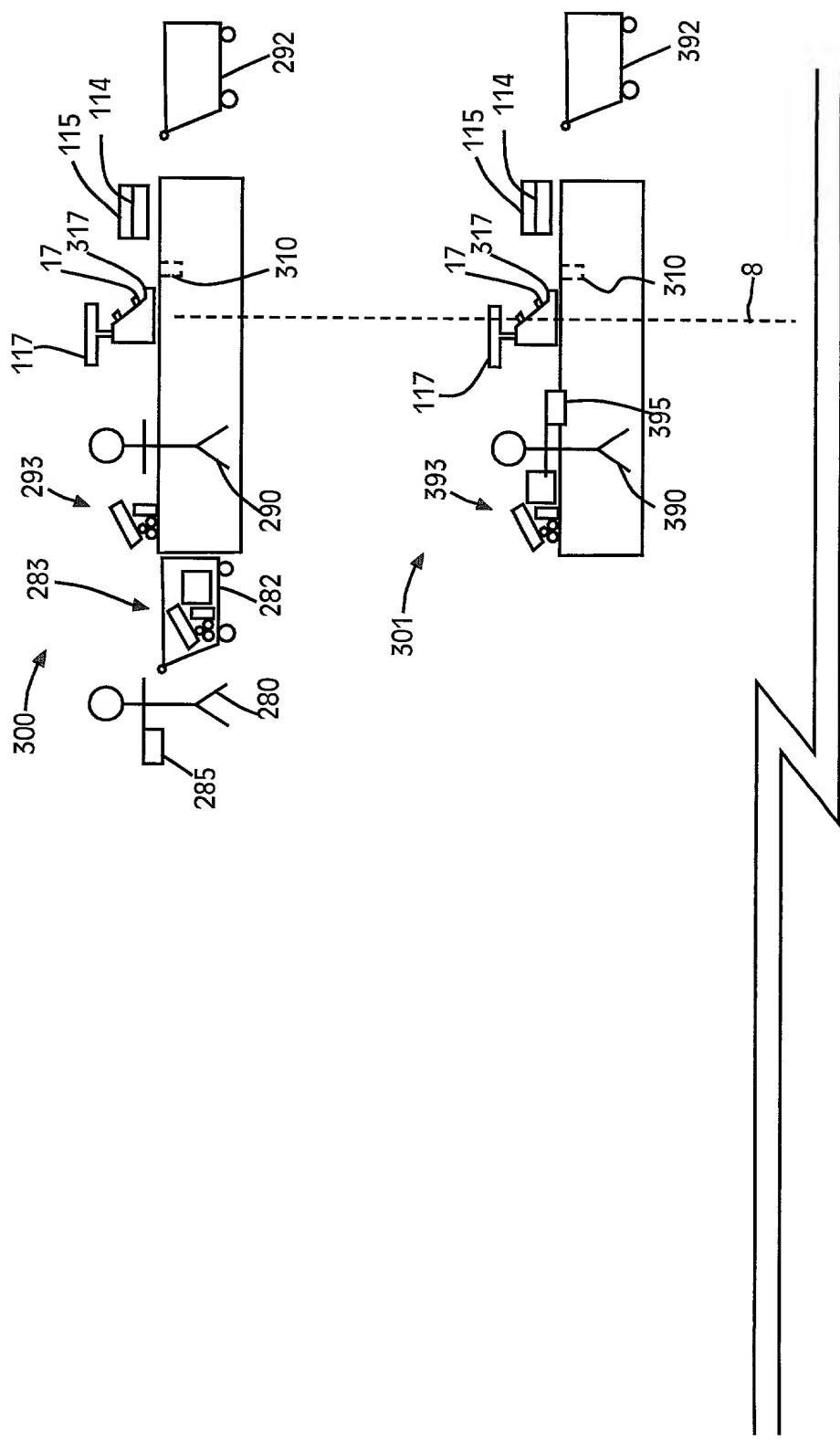


Fig. 2



3  
Fig.



**Fig. 4A**

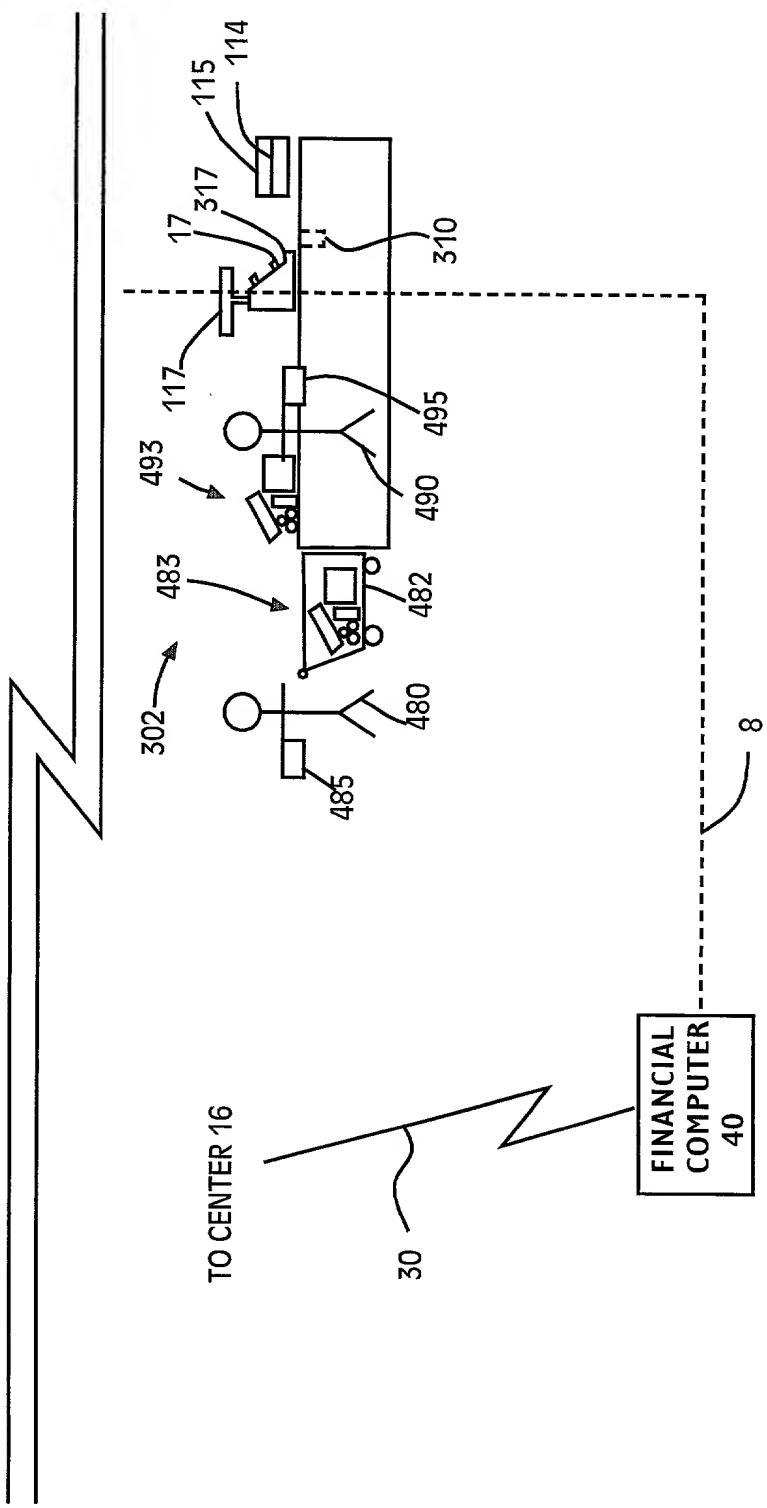


Fig. 4B

**SPECIAL ON 36 OZ. DELTA DETERGENT**

**ECO GOLD LEVEL SHOPPER - \$3.75**

**ECO SILVER LEVEL SHOPPER - \$4.15**

**EVERY DAY LOW PRICE - \$4.85**

116

**Fig. 5**

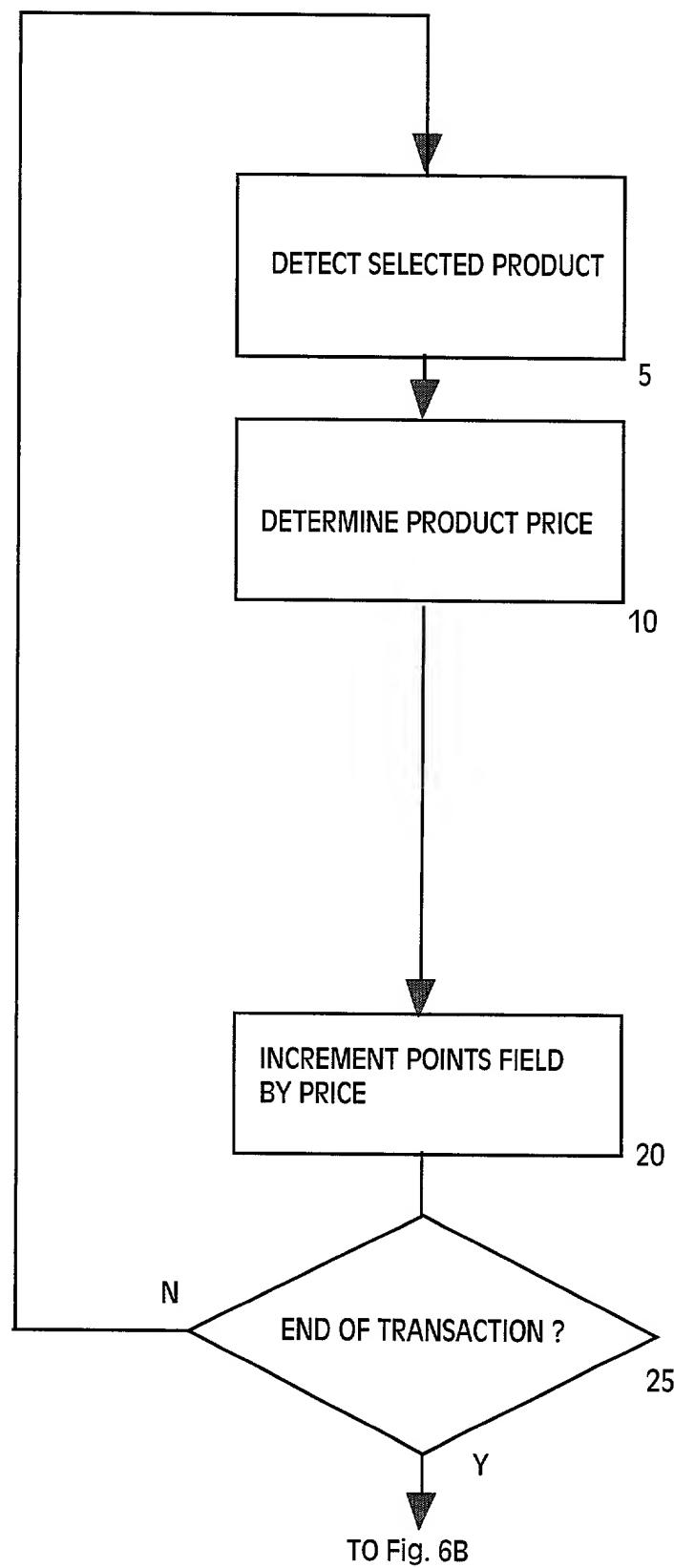
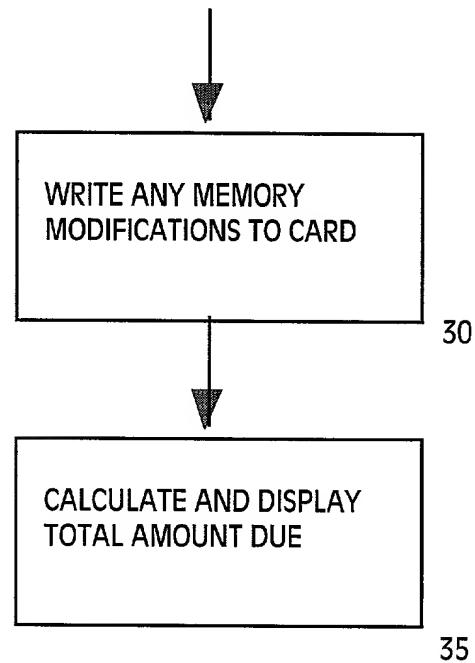


FIG. 6A

From Fig. 6A



**FIG. 6B**

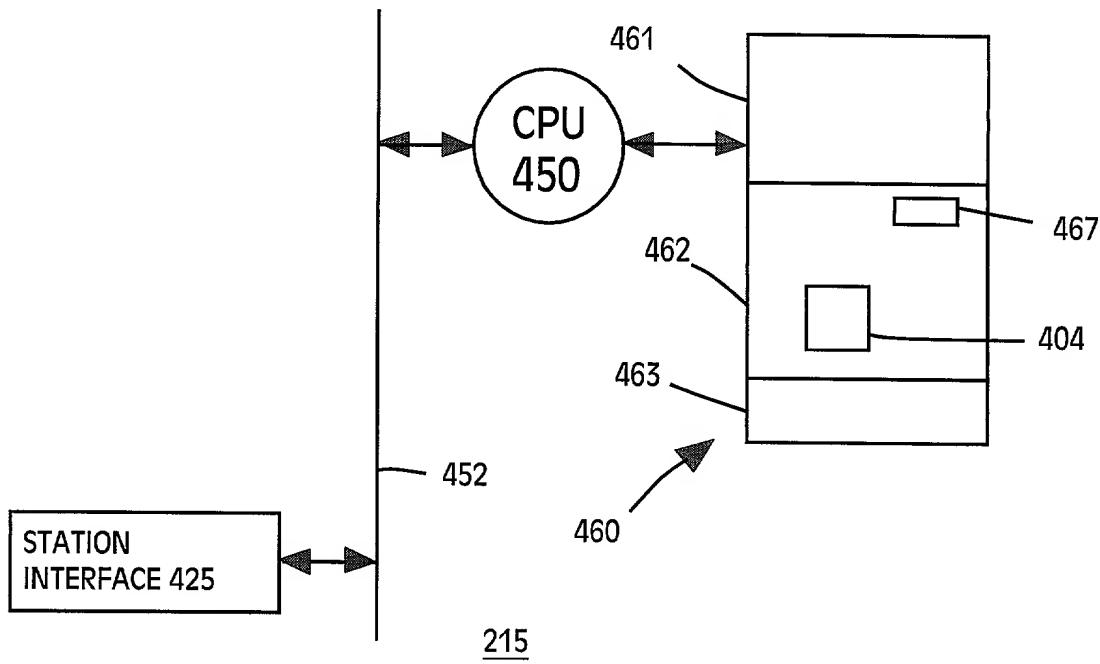


Fig. 7

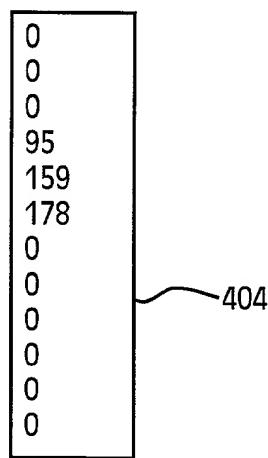


Fig. 8

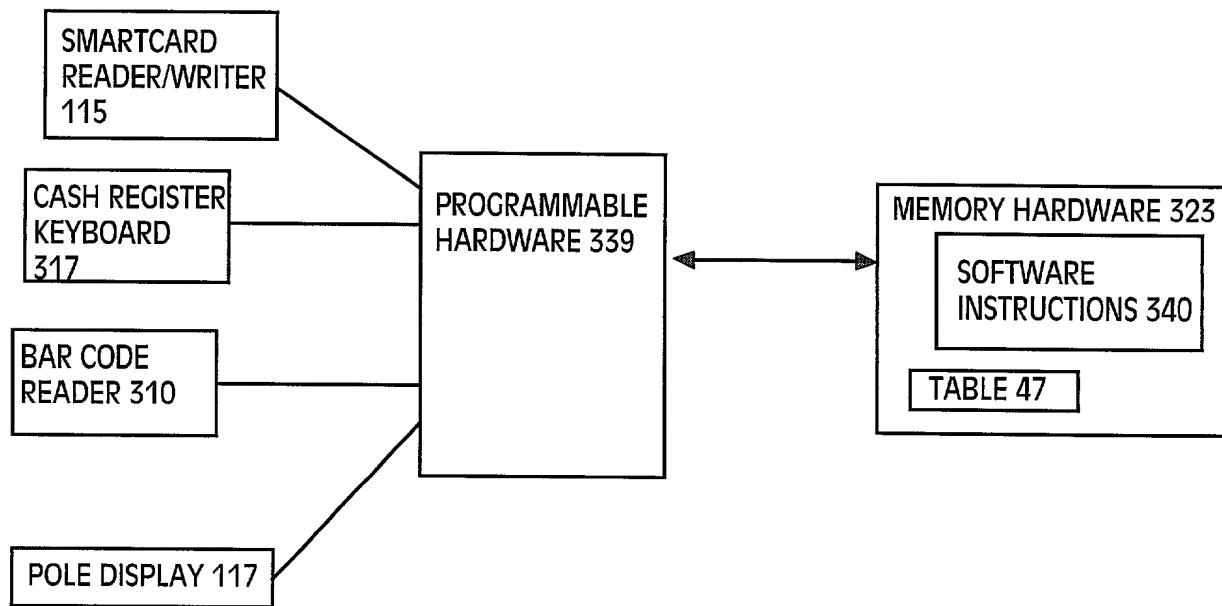


Fig. 9

SILVER	01703149873	PERCENT 15
NONE	01705424943	PERCENT 10
SILVER	01707542312	CENTS 110
GOLD	01707542312	CENTS 70

47

Fig. 10

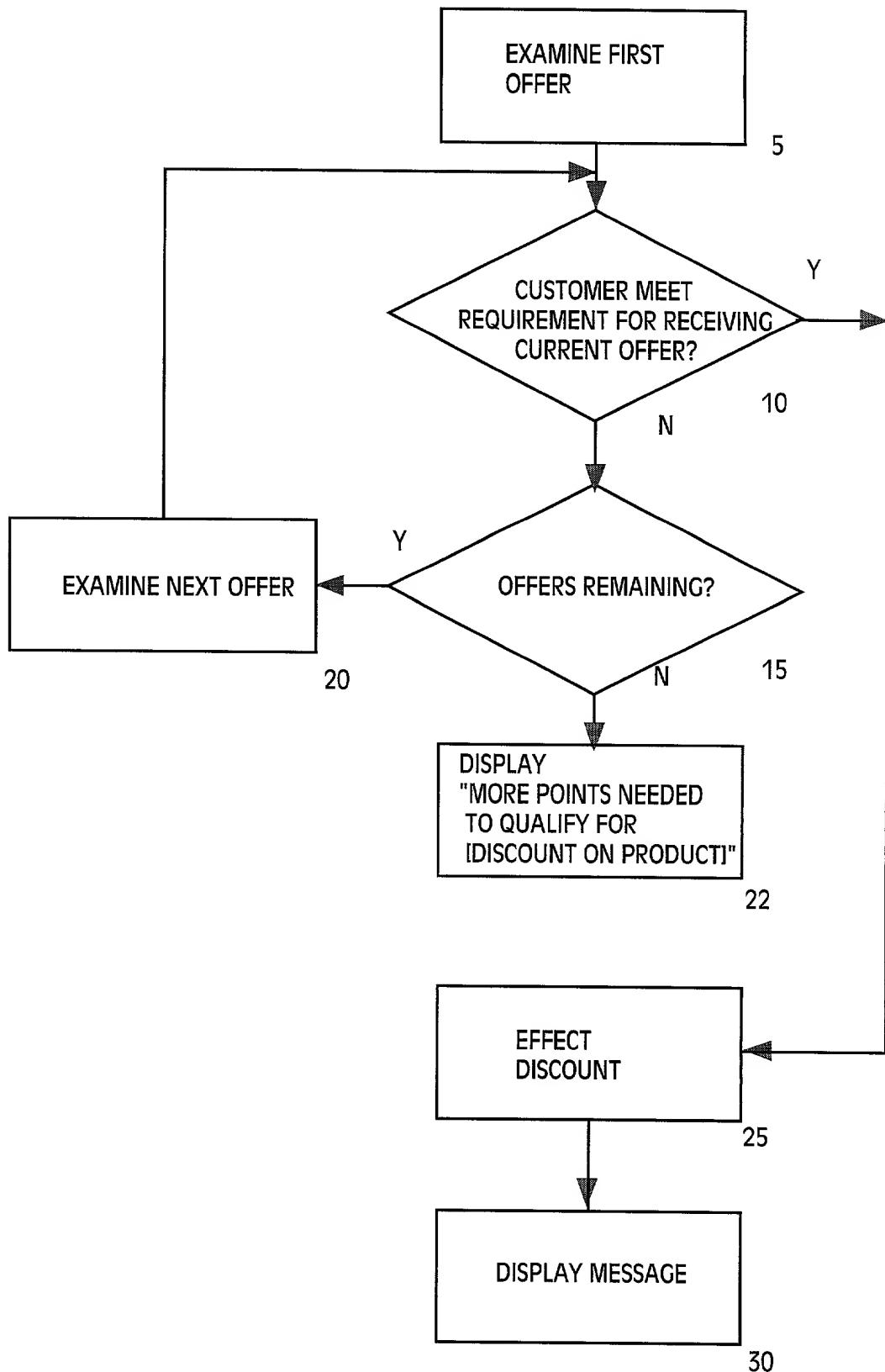
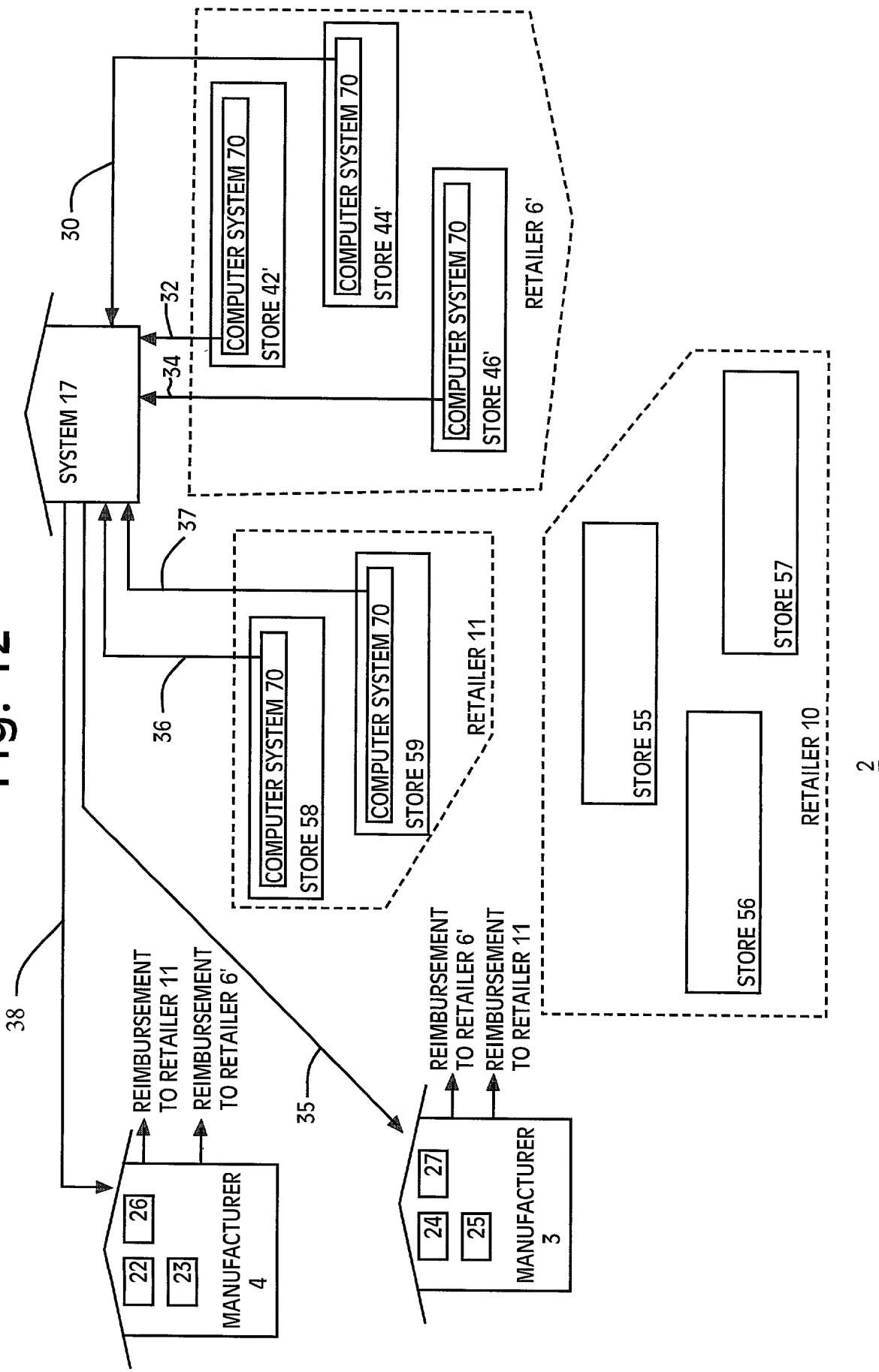


FIG. 11

**Fig. 12**



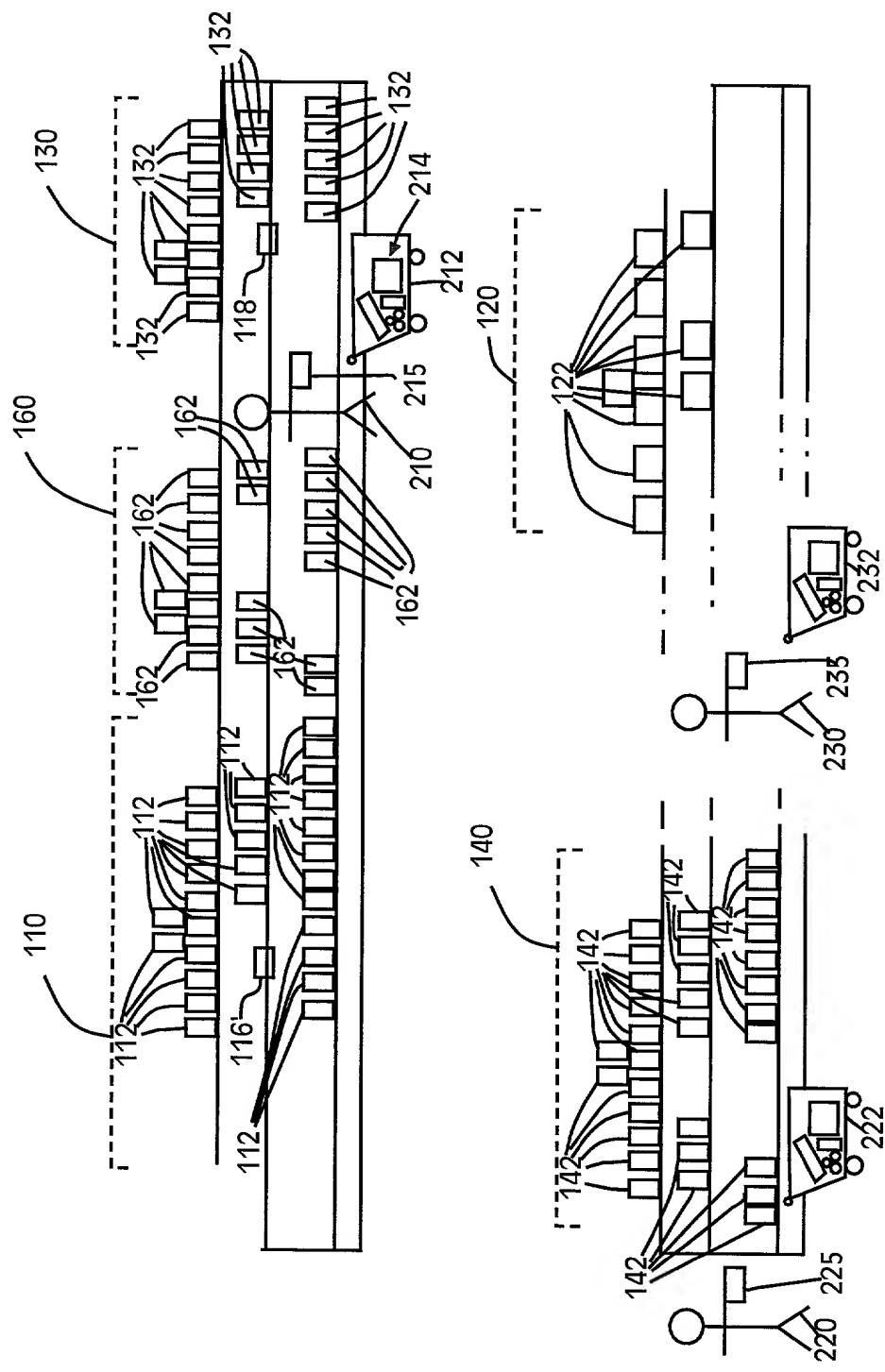


Fig. 13

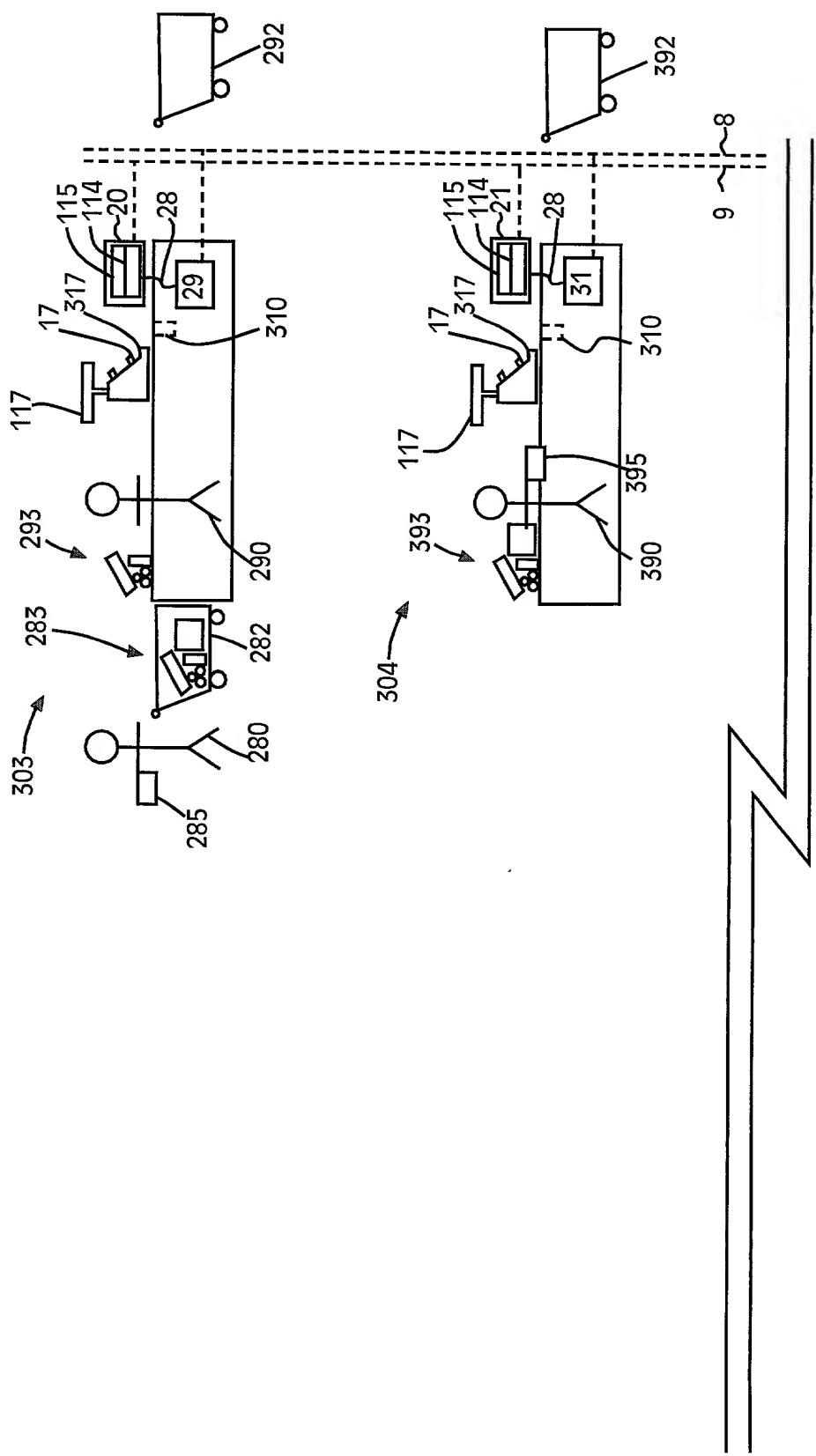


Fig. 14A

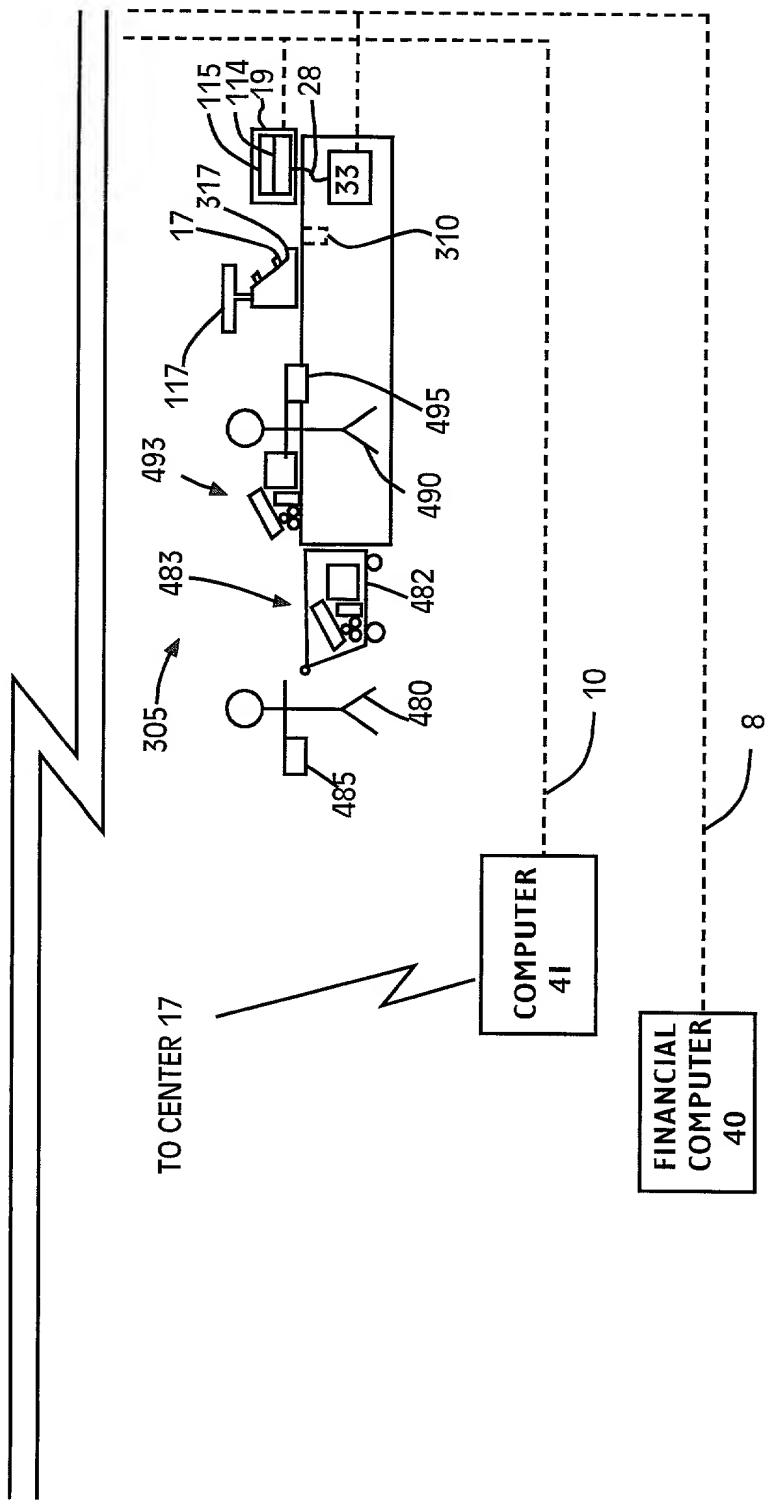


Fig. 14B

**SPECIAL ON 36 OZ. DELTA DETERGENT**

**THRIFTY GOLD LEVEL SHOPPER - \$3.95**

**THRIFTY SILVER LEVEL SHOPPER - \$4.25**

**EVERY DAY LOW PRICE - \$4.85**

116'

**Fig. 15**

**SPECIAL ON LIGHTHOUSE LIGHT BULBS**  
**BOX OF 8**

**THRIFTY GOLD LEVEL SHOPPER - \$2.15**

**THRIFTY SILVER LEVEL SHOPPER - \$2.65**

**EVERY DAY LOW PRICE - \$2.95**

118

**Fig. 16**

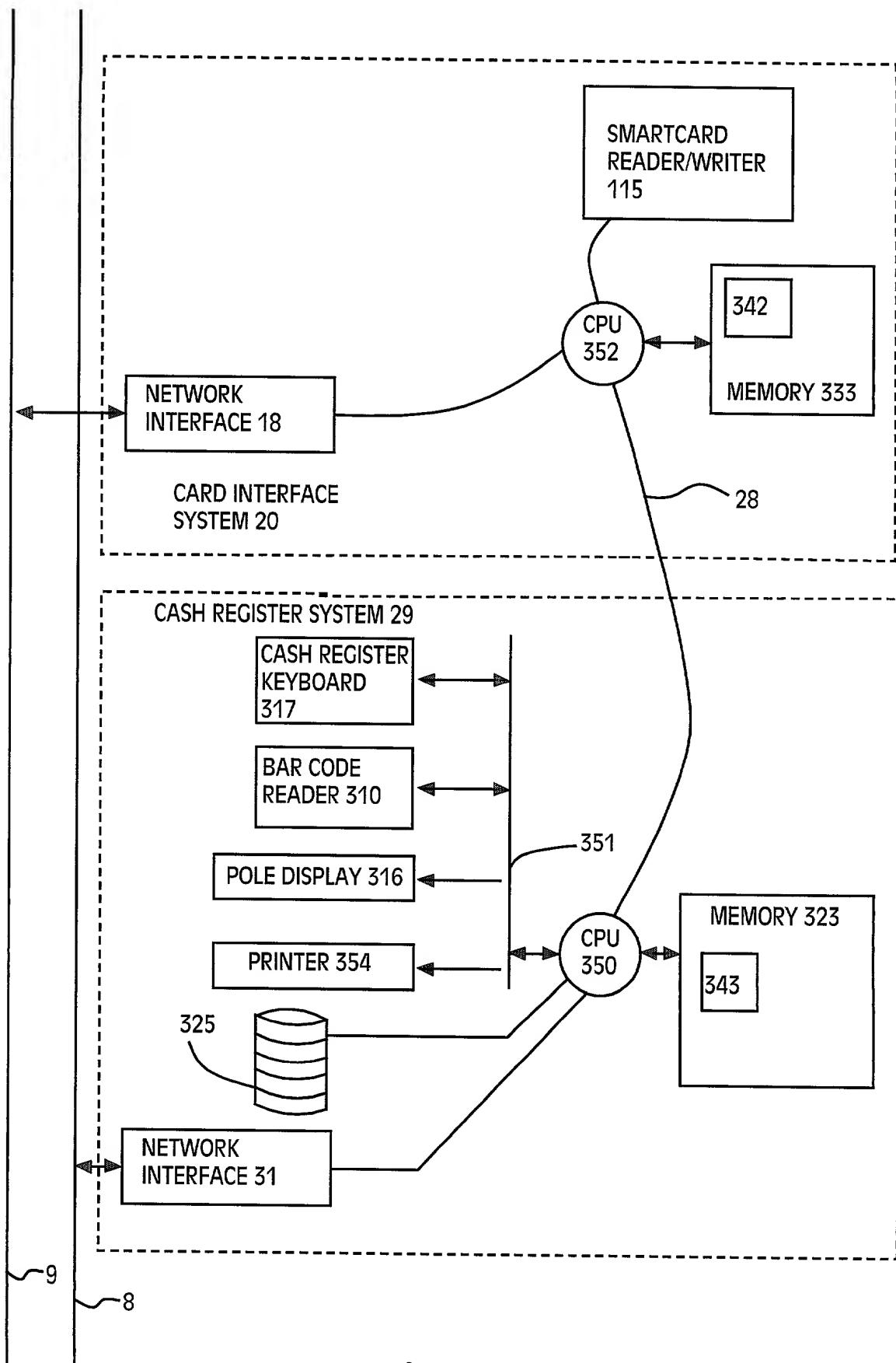


Fig. 17A

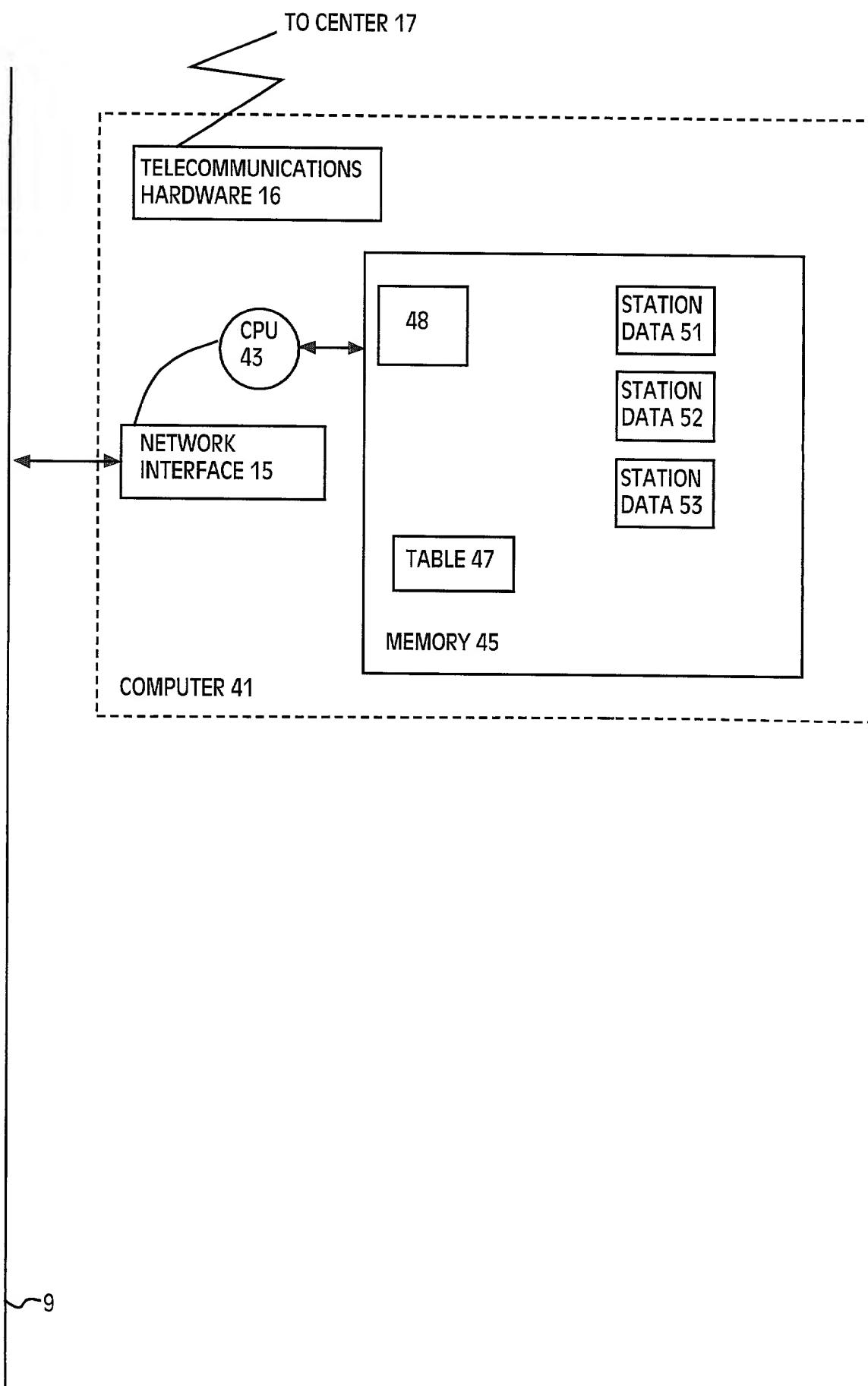
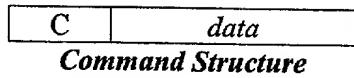
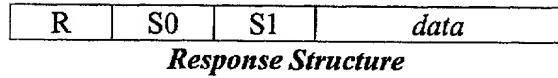


Fig. 17B



## Fig. 18



## Fig. 19

Command	C	R
Sign On	0x20	
Sign Off	0x22	
Start Transaction	0x24	0x25
Item Committed	0x26	0x27
Subtotal	0x28	0x29
Request Total Discount	0x2A	0x2B
Request Detail Discount	0x2C	0x2D
Close Transaction	0x2E	

*Command Summary*

## Fig. 20

Bit	Description
0	1=Card in reader 0=Card not in reader
1	1=Card read this transaction 0=Card not read this transaction
2-7	Unused

*STAT Values*

## Fig. 21

It is not clear what the best way to do this is, but one approach is to use a combination of a neural network and a rule-based system.

INVOCE DATED MAY 2, 2004  
TO LIGHTHOUSE INC.  
FROM HEALTHY INC.  
FOR PERIOD APRIL 1, 2004-APRIL 30, 2004

## DISCOUNTS ON LIGHTHOUSE LIGHTBULBS

THRIFT STORE NUMBER 58:	\$2348
THRIFT STORE NUMBER 59:	\$1754
<b>TOTAL</b>	<b>\$4102</b>

103

Fig. 22